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Community Relations Plan
for
Force Road Oil & Vacuum Truck

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December 2000

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COMMUNITY RELATIONS PLAN
for Proposed State Superfund Site
Force Road Oil and Vacuum Truck Company
Brazoria County, Texas
December 2000

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<http://www.tnrcc.state.tx.us/permitting/remed/superfund/index.html>

COMMUNITY RELATIONS PLAN
for
FORCE ROAD OIL AND VACUUM TRUCK COMPANY
December 2000

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Community Relations Plan
for
Force Road Oil and Vacuum Truck Company
Brazoria County
December 2000

Overview of Community Relations Plan

This community relations plan (CRP) identifies issues of community concern regarding Force Road Oil and Vacuum Truck Company State Superfund site, in Brazoria County, Texas. It also outlines the anticipated community relations activities to be conducted during each phase of the Remedial Investigation/ Feasibility Study for the Force Road Oil and Vacuum Truck Company site.

The Force Road Oil and Vacuum Truck community relations plan has been prepared to aid the Texas Natural Resource Conservation Commission (TNRCC) in developing a community relations program tailored to the needs of the community affected by the Force Road Oil and Vacuum Truck site. The TNRCC will conduct community relations activities to ensure that the local public has input to decisions and access to information about Superfund activities at the Force Road Oil and Vacuum Truck Company site.

The information in this plan is based primarily on the information from the TNRCC hazard ranking package prepared for the site.

Site Profile

Site Location and Description

Latitude 29° 28' 30" North and longitude 95° 26' 57" West.

The Force Road Oil and Vacuum Truck site is located at 1722 County Road 573 (Alloy Road), near the cities of Arcola and Iowa Colony, Brazoria County, Texas. The site is approximately 1300 feet east of the Brazoria-Fort Bend County line, 7000 feet west of State Highway 288, and 9000 feet south of State Highway 6. The permitted facility occupies between nine and twelve acres out of a leased 28 acre tract of land. Land surrounding the site is primarily used for agriculture and petroleum production. The site is bounded on the north by County Road 573 and the remainder of the 28 acres, on the west by an inactive drainage canal, and on the east and south by agriculture land. West of the drainage canal there is a state-permitted wastewater treatment plant sludge application facility.

The site is currently an inactive wastewater disposal and oil recovery facility. The only structures remaining at the site are one metal pump house/storage shed and three above ground storage tanks. Three underground storage tanks are located at the site. These tanks actually consist of buried railroad cars used to store various waste. The total capacity of each tank is approximately 10,000 gallons. The site operations primarily involved the use of five surface impoundments for the separation of waste brought to the site.

Releases of hazardous substances to the groundwater pathway are the major concern for the site. Hazardous substances have been documented in the shallow groundwater beneath the site. The Chicot/Evangeline aquifer is the aquifer of concern.

Background

First recorded operations at the Force Road Oil site involved oil and gas production. Force Oil and Vacuum Truck Company did not begin operations at the site until March 1971.

Site Chronology

(Note: The state agencies referred to in this chronology as the Texas Water Quality Board (TWQB), Texas Department of Water Resources (TDWR), Texas Water Commission (TWC) and the Texas Air Control Board (TACB) are now known as the Texas Natural Resource Conservation Commission (TNRCC). The new agency, TNRCC, became effective September 1, 1993, as mandated under State Senate Bill 2 of the 73rd regular Legislative Session.)

December 28, 1971	The Texas Water Quality Board issued Force Road Oil & Vacuum Truck Company an Emergency Order which authorized them to continue to operate pending the processing of required site registration.
June 29, 1972	A Preliminary Certificate of Registration was issued to Force Road Oil and Vacuum Truck Company.
September 5, 1973	A Certificate of Registration was given to Force Road Oil and Vacuum Truck Company.
During 1973	Force Road Oil and Vacuum Truck Company installed three monitor wells at the site which were subsequently abandoned due to sampling difficulties.
July 1974	Three new monitor wells were installed and initial sampling of ground water was done and no groundwater contamination was detected.
September 1975	Sampling indicated high chloride values in ground water. These were attributed to a former oil field salt water disposal pit.

March 19,1976	The Texas Water Quality Board changed the facility's Registration Number to a Permit Number.
July 14, 1977	An Industrial Solid Waste Permit for receipt of nonhazardous waste was issued, superseding and canceling the registration issued on June 29, 1972.
August 1977	Background water samples from on-site monitor wells which were required under the July 14, 1977-permit were collected.
March 1978	Chemical analysis of subsequent ground water samples indicated the shallow ground water beneath the site had been impacted by a release of organic contaminates from the on-site waste management unit.
August 5, 1980	Enforcement action against Force Road Oil and Vacuum Truck Company Oil was submitted by the Texas Water Commission to the General Counsel of the Texas Department of Water Resources.
Dec.17, 1980	Compliance Agreement issued to Force Road Oil and Vacuum Truck Company Oil. Twelve points were outlined in the agreement including proper maintenance and operation of the waste management units, ground water remediation and other provisions defined under the permit.
December 1982	After continued violations and failure to comply, the Executive Director of Texas Department of Water Resources filed a petition for partial suspension with the Texas Water Commission in December 1982. Partial suspension of the permit would discontinue authorization for any further acceptance, storage, treatment or storage of waste material.
February 3, 1983	Texas Department of Water Resources staff collected a sample from an on-site storage tank exhibiting a strong solvent odor from the site. The laboratory sample result indicated a level of 155,000 parts per million (ppm) of 1,1,1 trichloroethane, a chlorinated hydrocarbon specifically prohibited by the permit.
In 1983	Force Road Oil and Vacuum Truck Company received its last waste shipment and the site status changed to inactive.
February 1984	Force Road Oil and Vacuum Truck Company submitted a closure plan for the site with subsequent modified closure plans submitted. Throughout the period from 1983 through February 1984, representatives for the Texas Department of Water Resources and the Texas Water Commission continued to conduct site inspections and sampling events to further characterize the waste present and monitor the ground water contamination.
Dec. 3, 1990	An agreed Final Judgement was issued against Force Road Oil and Vacuum

Truck Company by the 239th Judicial District, in Brazoria County, through a lawsuit filed by the Texas Office of the Attorney General. The judgement required the closure of the inactive Resource Conservation Recovery Act (RCRA) surface impoundments that received hazardous waste, and closure of the 3 underground waste storage tanks. The judgement required assessment and corrective action to address ground water contamination by constituents including trans-1,2 dichloroethylene, vinyl chloride, and 1,1,1, trichloroethane.

July 11, 1991; Unauthorized overflows and discharges from the surface impoundments March 31, 1992; were documented by the Texas Water Commission.
& April 21, 1992

Nov.25, 1991 The Texas Water Commission amended Force Road Oil and Vacuum Truck Company's water quality permit to allow discharge from the surface impoundments after on-site treatment. This was an attempt to expedite cost effective de-watering and closure of the impoundments.

June 8, 1992 A Notice of Violation letter with attached Corrective Action Directive for obtaining compliance was sent.

August 24, 1992 Force Road Oil and Vacuum Truck Company notified the TNRCC that both the Proposed De-watering Plan and Ground Water Assessment Plan would not be implemented due to the lack of funds.

May 14, 1993 & Last Comprehensive Groundwater Monitoring Investigation for the
May 28, 1993 Force Road Oil and Vacuum Truck Company showed elevated levels of hazardous constituents trans-1,2 dichloroethylene, vinyl chloride, and 1,1,1, trichloroethane in the ground water samples collected from on-site monitor wells.

February 27, 1995 Notice of Violation was issued to a representative from Force Road Oil and Vacuum Truck Company and a landowner.

June 26, 1996 TNRCC Enforcement Division referred the Force Road Oil and Vacuum Truck Company site to the State Superfund Program.

October 10, 1997 TNRCC secured the site with the installation of a high-level security fence.

Feb. 21-23, 2000 TNRCC conducted a Hazard Ranking System(HRS) Sampling Event for the
& May 1, 2000 Force Road Oil and Vacuum Truck Company site. On-site monitor wells were redeveloped one week prior to the sampling event since these monitor wells had not been sampled since 1993. The primary objectives of this event were to document waste materials contained within the on-site surface impoundments, document the release(s) or potential release(s) of hazardous substances from the

site to the shallow ground water beneath the site. Ground water samples were collected from on-site monitoring wells and from five domestic drinking wells during the sampling event.

Laboratory results for the monitor well samples indicated that the shallow ground water beneath the Force Road Oil and Vacuum Truck Company site had been impacted by organic and inorganic contaminants at concentrations greater than the sample limit.

The chemical analyses of drinking water samples collected from domestic water wells within a 1-mile radius of the site did not reveal the presence of contaminants at concentrations that met the observed release criteria.

October 16, 2000 TNRCC community relations staff established a local repository at the Manvel Branch Library, 7402 Masters Road, Manvel, Texas. Documents concerning the Force Road site will periodically be placed in this repository so that area residents may have access to them.

Nov. 28, 2000 A public meeting was held regarding the proposed listing of the site to the state Superfund registry and the proposed non-residential land use for the site. Legal notice of the meeting was published on October 13, 2000, in the *Texas Register* and on October 23, 2000 in the *Alvin Sun*.

Community Profile

This site is located near Iowa Colony, a small community of approximately 800 residents in Brazoria County. The U.S. Census estimates the 1997 population of Brazoria County at 225,406 with 1996 ethnicity for the county as follows:

White	89.1%
Hispanic	20.7%
Black	8.9%
American Indian	.5%
Asian	1.5%

Community Involvement

Most of the area residents are aware of the site. During February 2000 and May 2000, TNRCC staff met some of the residents in the community and sampled 5 residential water wells. Sample results were provided to the residents whose wells were sampled. These results did not reveal the presence of contaminants at concentrations that met the observed release criteria.

Specific Objectives of the Community Relations Program

1. Maintain open communications between the Texas Natural Resource Conservation Commission and city, county and state officials, as well as area residents.
2. Continue to expand the mailing list and our communications to include additional agencies, organizations, and residents that are interested in the project.
3. Provide a community relations contact from whom interested parties can receive information on site activities, project status, and study results.
4. Provide citizens, involved agencies, elected officials, and the media with accurate, timely information and progress reports, and findings of site related activities by issuing press releases and holding community meetings.
5. Respond to telephone, written correspondence and attending public meetings, interested parties can make inquiries to insure communication.
6. Provide all information, especially technical findings, in language that is understandable to the general public and in a form useful to interested citizens and elected officials through the preparing of fact sheets and news releases when major findings are made available during project phases.
7. Monitor community concerns and information requirements as the project progresses.
8. Modify the Community Relations Plan for changes in community attitudes and needs as necessary to be accurate during different project phases.

Community Relations Techniques

1. Project Status Briefing for State and Local officials - to periodically inform state and local officials of project developments over the course of the project.
2. Project Status Briefings for community groups and concerned citizens (may include public meetings, if needed) - to periodically inform the general community of significant project developments and findings; to respond to inquiries accordingly and incorporate local concerns into the decision making process as appropriate.
3. Public Consultations - conduct informal meetings (if needed) with residents. To provide an opportunity for affected residents to express any concerns and to make inquiries to ensure effective two-way communication.
4. Program Document Repositories - to maintain easily accessible repositories through which the public may review project outputs.
5. Texas Natural Resource Conservation Commission State Superfund Internet Homepage - provide timely, current information on state Superfund activities on the World Wide Web at the following web address:

www.tnrcc.state.tx.us/permitting/remed/superfund/index.html
6. Revise CRP - to reflect changes in site activities or local concerns. After the Proposed Remedial Action Document (PRAD) has been issued, the CRP will be revised to address implementation of the selected remedial action alternative.

Elected Officials

State

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Texas State Senator
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Austin, TX 78711

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Stafford, TX 77477

The Honorable D.R. "Tom" Uher
Texas House of Representative
P. O. Box 2910
Austin, TX 78768-2910

District address:

2219 Avenue G
Bay City, TX 77414

The Honorable Dennis H. Bonnen
Texas House of Representative
P. O. Box 2910
Austin, TX 78768-2910

District address:

122 E. Myrtle Street
Angleton, TX 77515

Brazoria County

The Honorable John Willy
Brazoria County Judge
111 Locust
Angleton, TX 77515

Brazoria County (continued)

The Honorable Jim Clawson
Brazoria County Commissioner Precinct 2
1800 CR 171, Dept. 3
Old Armory Building
Angleton, TX 77515

Mr. Donald Mudd
Director
Brazoria County Health Department
436 East Mulberry
Angleton, TX 77515

City

Mr. Robert Wall
City Manager
12003 County Road 65
Iowa Colony, TX 77583

Ms. Geri Kucera Frank
City Secretary
12003 County Road 65
Iowa Colony, TX 77583

Iowa Colony city officials were notified but at their request the TNRCC has been communicating with the Director of the Brazoria County Health Department. The Director will notify the city as needed.

Area News Media

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Key Project Personnel

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Program Document Repositories

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